

# LONGWALLS - SHEAR AND PLOW

## A. Original Equipment Manufacturer (OEM)

The following OEM noise controls are available for longwall systems. In addition, normal maintenance of the equipment can also help control noise.

Radio remote controls for longwall systems are used for roof supports, cutter/shearer or plow systems, support movers, chain and chainless haulage units, and stage loaders. These controls tend to be more expensive than umbilical remote control systems.

Manufacturer	Radio Remote Control (Cost)	Umbilical Remote Control (Cost)	Other Noise Control Options
American Longwall	X (\$15,000-\$30,000)	X (\$5,000-\$10,000)	
Anderson-Mavor	X (\$15,000-\$30,000)	X (\$5,000-\$10,000)	
Eichhoff Corporation	X (\$15,000-\$30,000)	X (\$5,000-\$10,000)	
Joy Manufacturing	X (\$15,000-\$30,000)	X (\$5,000-\$10,000)	
Simmons-Rand	X (\$15,000-\$30,000)	X (\$5,000-\$10,000)	

"X" indicates product availability.

## B. Retrofit Noise Controls

None identified at this time.

## C. Alternative Technology

Remote Controls - In certain situations, remote controls may be used as a noise control by increasing the distance between the operator and the machine.